

Eimeria leuckarti FROM DROMEDARIES CAMEL CALVES

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ABSTRACT

The current work reports *E. leuckarti* from camel calves of a farm in Bikaner, India and makes some notes on the sporulation process, apart from the unsporulated oocyst morphology. Two out of the 34 faecal samples of camel calves under 2 years of age had unsporulated oocysts of *E. leuckarti*, which were recovered by sedimentation. Noteworthy, in the morphological study the identification of an enlarged region in the inner layer of the oocyst wall, always in the opposite end of the micropyle. The sporulation time recorded in the present study was 19 days at 37°C. Unexpectedly, some oocysts do not sporulate even after 30 days in appropriate conditions of sporulation at room temperature even when kept in petri dishes under aeration.

Key words: Bikaner, camel calves, coccidiosis, *Eimeria leuckarti*, oocyst, sporulation